

What is claimed is:

1. A system to assist the user of a wired phone which comprises:

5 a security panel that includes means for connection to an associated phone line, a caller ID receiver and an RF transmitter, said caller ID receiver cooperating with the associated phone line and said RF transmitter cooperating with said caller ID receiver to transmit caller ID information, and

10 a bracelet to be worn by an associated user that includes an RF receiver, said RF receiver cooperating with said RF transmitter to access information provided by said RF transmitter, said bracelet further including a display cooperating with said RF receiver to indicate to the user information regarding an incoming call on the associated phone line.

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2. A system in accordance with claim 1 wherein said RF transmitter is a transceiver.

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3. A system in accordance with claim 1 wherein said RF transmitter and said RF receiver are both transceivers.

4. A system in accordance with claim 1 wherein said bracelet further includes a vibrating alert cooperating with said RF receiver to produce a vibration stimulus when said RF receiver receives a signal from said RF transmitter.

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5. A system in accordance with claim 1 wherein said security panel further includes an audio amplifier.

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6. A system in accordance with claim 5 wherein said security panel further includes a speaker coupled to said audio amplifier.

7. A system in accordance with claim 2 wherein said security panel further includes a microprocessor.

8. A system in accordance with claim 2 wherein said microprocessor formats messages to the RF transceiver.

9. A system in accordance with claim 3 wherein said security panel further  
5 includes a microprocessor.

10. A system in accordance with claim 3 wherein said microprocessor formats messages to the RF transceiver.

10 11. A system in accordance with claim 10 wherein said bracelet further includes at least one pushbutton cooperating with said RF transceiver in said bracelet to produce a predetermined output from said RF transceiver in said bracelet, said output of said RF transceiver in said bracelet cooperating with  
15 to said microprocessor.

12. A system in accordance with claim 11 wherein said predetermined output to said microprocessor causes the associated phone line to go off hook.

20 13. A system in accordance with claim 12 wherein said predetermined output to said microprocessor causes the associated phone line to go off hook and a predetermined message to be delivered to an individual placing an incoming call.

25 14. A system in accordance with claim 13 wherein said security panel further includes an audio amplifier.

15. A system in accordance with claim 14 wherein said predetermined output to said microprocessor causes the activation of said audio amplifier.

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16. A system in accordance with claim 11 wherein said bracelet further includes at least a second pushbutton cooperating with said RF transceiver in said bracelet to produce a second predetermined output from said RF

transceiver in said bracelet, said output of said RF transceiver in said bracelet cooperating with said RF transceiver in said security panel to produce a second predetermined output to said microprocessor.

5 17. A system in accordance with claim 16 wherein said second predetermined output to said microprocessor initiates a message to an incoming caller that the user will answer the call shortly.

10 18. A system in accordance with claim 1 wherein said caller ID receiver includes a caller ID receiver circuit.

15 19. A system in accordance with claim 10 wherein said microprocessor formats a predetermined voice message that is audible to a caller making an incoming call to the security panel.

20 20. A system in accordance with claim 19 wherein the predetermined voice message that is audible to a caller making an incoming call to the security panel is a message that the end-user of the system needs additional time to reach the phone.

21. A system to assist the user of a wired phone which comprises:

25 means for connection to an associated phone line, a caller ID receiver and an RF transmitter, said caller ID receiver cooperating with the associated phone line and said first RF transceiver cooperating with said caller ID receiver to transmit caller ID information, and

30 a bracelet to be worn by an associated user that includes an RF receiver, said RF receiver cooperating with said RF transceiver to access information provided by said RF transmitter, said bracelet further including a display cooperating with said RF receiver to indicate to the user information regarding an incoming call on the associated phone line.

22. A system in accordance with claim 21 wherein said RF transmitter is a

transceiver.

23. A system in accordance with claim 21 wherein said RF transmitter and said RF receiver are both transceivers.

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24. A system in accordance with claim 21 wherein said bracelet further includes a vibrating alert cooperating with said RF receiver to produce a vibration stimulus when said RF receiver receives a signal from said RF transmitter.

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25. A system in accordance with claim 21 wherein said system further includes an audio amplifier.

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26. A system in accordance with claim 25 wherein said security panel further includes a speaker coupled to said audio amplifier.

27. A system in accordance with claim 22 wherein said security panel further includes a microprocessor.

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28. A system in accordance with claim 22 wherein said microprocessor formats messages to the RF transceiver.

29. A system in accordance with claim 23 wherein said security panel further includes a microprocessor.

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30. A system in accordance with claim 23 wherein said microprocessor formats messages to the RF transceiver.

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31. A system in accordance with claim 30 wherein said bracelet further includes at least one pushbutton cooperating with said RF transceiver in said bracelet to produce a predetermined output from said RF transceiver in said bracelet, said output of said RF transceiver in said bracelet cooperating with said RF transceiver in said security panel to produce a predetermined output to said microprocessor.

32. A system in accordance with claim 31 wherein said predetermined output to said microprocessor causes the associated phone line to go off hook.

5 33. A system in accordance with claim 32 wherein said predetermined output to said microprocessor causes the associated phone line to go off hook and a predetermined message to be delivered to an individual placing an incoming call.

10 34. A system in accordance with claim 33 wherein said security panel further includes an audio amplifier.

35. A system in accordance with claim 34 wherein said predetermined output to said microprocessor causes the activation of said audio amplifier.

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36. A system in accordance with claim 31 wherein said bracelet further includes at least a second pushbutton cooperating with said RF transceiver in said bracelet to produce a second predetermined output from said RF transceiver in said bracelet, said output of said RF transceiver in said bracelet  
20 cooperating with said RF transceiver in said security panel to produce a second predetermined output to said microprocessor.

37. A system in accordance with claim 36 wherein said second predetermined output to said microprocessor initiates a message to an  
25 incoming caller that the user will answer the call shortly.

38. A system in accordance with claim 21 wherein said caller ID receiver includes a caller ID receiver circuit.

30 39. A system in accordance with claim 30 wherein said microprocessor formats a predetermined voice message that is audible to a caller making an incoming call to the security panel.

40. A system in accordance with claim 39 wherein the predetermined voice

message that is audible to a caller making an incoming call to the security panel is a message that the end-user of the system needs additional time to reach the phone.

5     41. A system to assist the user of a wired phone which comprises:

means for connection to an associated phone line, a caller ID receiver and a first RF transceiver, said caller ID receiver cooperating with the associated phone line and said first RF transceiver cooperating with said caller ID receiver to transmit caller ID information, and  
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a bracelet to be worn by an associated user that includes a second RF transceiver, said second RF transceiver cooperating with said first RF transceiver to access information provided by said first RF transceiver, said  
15 bracelet further including a display cooperating with said second RF transceiver to indicate to the user information regarding an incoming call on the associated phone line, said bracelet further includes a vibrating alert cooperating with said second RF transceiver to produce a vibration stimulus when said second RF transceiver receives a signal from said first RF  
20 transceiver.

42. A system to assist the user of a wired phone which comprises:

means for connection to an associated phone line that includes further  
25 includes an audio amplifier and speaker as well as a microprocessor, a caller ID receiver and a first RF transceiver, said caller ID receiver cooperating with the associated phone line and said first RF transceiver cooperating with said caller ID receiver to transmit caller ID information, and

30 a bracelet to be worn by an associated user that includes a second RF transceiver, said second RF transceiver cooperating with said first RF transceiver to access information provided by said first RF transceiver, said bracelet further including a display cooperating with said second RF transceiver to indicate to the user information regarding an incoming call on

the associated phone line, said bracelet further includes a vibrating alert cooperating with said second RF transceiver to produce a vibration stimulus when said second RF transceiver receives a signal from said first RF transceiver.

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43. A system in accordance with claim 42 wherein said microprocessor formats messages to the RF transceiver.

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44. A system in accordance with claim 42 wherein said bracelet further includes at least one pushbutton cooperating with said RF transceiver in said bracelet to produce a predetermined output from said RF transceiver in said bracelet, said output of said RF transceiver in said bracelet cooperating with said RF transceiver in said security panel to produce a predetermined output to said microprocessor.

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45. A system in accordance with claim 44 wherein said predetermined output to said microprocessor causes the associated phone line to go off hook.

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46. A system in accordance with claim 44 wherein said predetermined output to said microprocessor causes the associated phone line to go off hook and a predetermined message to be delivered to an individual placing an incoming call.

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47. A system in accordance with claim 46 wherein said bracelet further includes at least a second pushbutton cooperating with said RF transceiver in said bracelet to produce a second predetermined output from said RF transceiver in said bracelet, said output of said RF transceiver in said bracelet cooperating with said RF transceiver in said security panel to produce a second predetermined output to said microprocessor.

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48. A system in accordance with claim 45 wherein said second predetermined output to said microprocessor initiates a message to an incoming caller that the user will answer the call shortly.

49. A system in accordance with claim 40 wherein said caller ID receiver includes a caller ID receiver circuit.

50. A system in accordance with claim 47 wherein said microprocessor  
5 formats a predetermined voice message that is audible to a caller making an incoming call to the security panel.

51. A system in accordance with claim 19 wherein the predetermined voice message that is audible to a caller making an incoming call is a message that  
10 the end-user of the system needs additional time to reach the phone.

52. A method to assist the user of a wired phone which comprises:

connecting to an associated phone line, providing apparatus that includes a  
15 caller ID receiver and an RF transmitter, and the providing step includes providing apparatus with a caller ID receiver cooperating with the phone line and said step of providing apparatus that includes an RF transmitter includes providing an RF transmitter that cooperates with the caller ID receiver to transmit caller ID information; and

20 the method further includes the step of providing a bracelet to be worn by an associated user that includes an RF receiver, the providing step includes providing an RF receiver that cooperates with the RF transmitter, accessing information provided by the RF transmitter, displaying to a user information  
25 regarding an incoming call on the associated phone line.

53. A method in accordance with claim 52 wherein the step of providing an RF transmitter includes providing a transceiver.

30 54. A method in accordance with claim 53 wherein the step of providing an RF transmitter and specifically providing an RF receiver that includes providing first and second RF transceivers.

55. A method in accordance with claim 53 wherein the method further



includes producing a vibration stimulus when the RF receiver receives a signal from the RF transmitter.

56. A method in accordance with claim 53 wherein the providing step further  
5 includes providing an audio amplifier.

57. A method in accordance with claim 53 wherein the providing step further includes a speaker coupled to the audio amplifier.

10 58. A method in accordance with claim 53 wherein said providing step further includes providing a microprocessor.

59. A method in accordance with claim 54 wherein the method includes providing a microprocessor and formatting messages from the RF transceiver  
15 using the microprocessor.